AMENDMENTS TO THE CLAIMS

1. (**Currently amended**) A filter for a gas generator, comprising:

a single metal wire comprising a core wire of iron and a coating layer of copper,

the single metal wire being wound into a tubular shape having intersecting parts of the single metal wire, wherein

thickness of the coating layer on the core is from 0.5 μm to 10 μm, and

at each of the intersecting parts of the single metal wire, adjacent parts of the core are firmly fixed each other via the coating layer, wherein

the thickness of the coating layer at the intersecting parts is thicker than the remaining portion of the single metal wire.

2-3. (**Cancelled**)

4. (Withdrawn) A method of manufacturing a filter for a gas generator, the filter comprising a tubular material formed by knitting a coated metal wire in which a metal wire corresponding to a core wire is coated with a lower melting point metal, wherein the lower melting point metal is a metal having a melting point lower than the metal of the core wire, and the intersecting parts of the coated metal wires are bonded by the affixing and solidifying of the molten lower melting point metal, comprising:

a molding step for producing a tubular material in which the metal wire corresponding to the core wire is coated with a lower melting point metal, and the coated metal wire, in which the

lower melting point metal is a metal having a melting point lower than the metal of the core wire, is knitted; and

a heat processing step in which the tubular material is kept at a temperature not less than a melting point of the lower melting point metal for coating the core wire but less than a sintering temperature of the metal of the core wire, and is then cooled.

5. (Withdrawn) The method of manufacturing the filter for a gas generator according to claim 4, wherein the tubular material in the molding step has an inner diameter of 3 to 80mm, an outer diameter of 10 to 90mm, a height of 5 to 300mm and a mass of 10 to 400g.

6. (Withdrawn) The method of manufacturing the filter for a gas generator according to claim 4 or 5, wherein, in the heat processing step, the heat processing is performed at a temperature 10°C or more higher than a melting point of the lower melting point metal for coating the core wire, but at a temperature 10°C or more lower than a melting point of the metal of the core wire.

7. (Previously presented) A gas generator for an air bag, comprising a housing having a gas discharge port, an ignition means actuated by an impact, a combustion chamber storing a gas generating agent that is ignited and burned by the ignition means to generate a combustion gas, and a filter for filtering and cooling a combustion gas, wherein the filter for a gas generator according to claim 1 is used as a filter.

8. (Previously presented) The filter for a gas generator according to claim 1, wherein the tubular shape is obtained by winding the single metal wire on a perimeter of a cylindrical core material.

9. (**New**) The filter for a gas generator according to claim 1, wherein the filer is obtained by keeping the single metal wire wound into the tubular shape at a temperature not less than a melting point of the copper of the coating layer but less than a sintering temperature of the metal of the core wire so that the copper is melted and concentrates on the intersecting parts, and is then cooled so that the thickness of the coating layer at the intersecting parts is thicker than the remaining portion of the single metal wire.